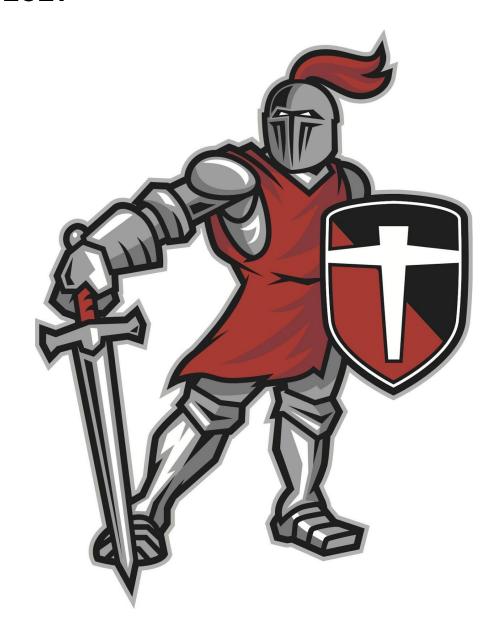
# Upper School Academic Course Catalog 2020-2021



# Crossings Christian School

"Developing Christ-Centered Servant Leaders"

"The mission of Crossings Christian School is to partner with parents and church to develop students into Christ-centered servant leaders who are academically and spiritually prepared for college and life."

#### **Academic Standards**

#### CCS GRADUATION CREDIT REQUIREMENTS

DISTINGUISHED ACHIEVEMENT DIPLOMA	27 CREDITS
SERVANT LEADERSHIP	100 Hours
BIBLE	4
ENGLISH	4
SOCIAL STUDIES (Must include Oklahoma History, US Government, World or European History and US History)	4
SCIENCE (Must include Biology) (Class of 2024-must have Biology and Chemistry)	4
MATHEMATICS (Must include Algebra I and II, and Geometry)	4
FOREIGN LANGUAGE	2
TECHNOLOGY	.5
SPEECH/DEBATE	.5
ELECTIVES	4
OTHER REQUIREMENTS	See Below

COLLEGE PREP DIPLOMA	24 CREDITS
SERVANT LEADERSHIP	100 Hours
BIBLE	4
ENGLISH	4
SOCIAL STUDIES (Must include Oklahoma History, US Government, World or European History and US History)	3
SCIENCE (Must include Biology) (Class of 2024-must have Biology and Chemistry)	3
MATHEMATICS (Must include Algebra I and II, and Geometry)	3
FOREIGN LANGUAGE	2
TECHNOLOGY	.5
SPEECH/DEBATE	.5
ELECTIVES	4

To earn a **Distinguished Achievement** diploma, a student must successfully complete at least one AP or Dual Credit class. In addition, a student must successfully complete **three years of the same foreign language**, **OR three** years of the **same elective specialty**, **OR at least four AP or Dual Credit classes**.

#### NEW! AP Capstone Diploma and AP Seminar and Research Certificate

AP Capstone is a diploma program based on two AP courses: AP Seminar and AP Research. These yearlong courses focus on developing the critical thinking, research, collaboration, time management, and presentation skills you need for college-level work. More information is available on AP Capstone here -- <a href="http://collegeboard.org/apcapstone">http://collegeboard.org/apcapstone</a>

#### **GRADING SCALE**

Both weighted and unweighted GPAs are calculated. The unweighted scale is based on a traditional A=4.0 (90-100), B=3.0 (80-89), C=2.0 (70-79) D=1.0 (60-69), F=0.0 (59 and below) scale. In the weighted scale, Pre-AP courses add a 0.5 to the GPA and Advanced Placement/Dual Credit courses add an additional 1.0 to the final GPA.

#### **GRADUATION POLICIES**

Students may only graduate if they meet all graduation requirements.

- A CCS upper school student must complete the necessary credits for graduation in a minimum of four (4) years.
- No core classes (Bible, English, Math, Science, Social Studies) may be completed at any outside location unless approved by administration.
- Students should be enrolled in seven (7) classes per semester.
- To be classified as a "full-time" student, the student must complete at least six (6) graded classes each semester.
- Seniors, who expect to graduate, are to be full-time students and must pay tuition and any outstanding fees in full before the graduation ceremony.

# Class Selection & Scheduling CLASS SCHEDULING PROCESS

- 1. During the re-enrollment period, the Academic Course Catalog will be published for the following school year.
- 2. College/Course planning meetings will be held in January and February to detail the course selection process. Parents will be invited to attend.
- 3. Course selection will begin as soon as the re-enrollment period is completed. All re-enrolled students will be emailed the course selection forms to be completed and returned to the Upper School main office. Course selection forms need to be returned by the first Monday in March. Students who have not re-enrolled will not be allowed to make course requests.

#### CRITERIA FOR PLACEMENT IN COURSES

- The course request process is for the purpose of setting the school's master schedule of classes. All classes are offered based on student interest and teacher availability.
- Requests to be in a class with or without a certain teacher or certain friends are not accepted.
- Be aware of the prerequisites that are applicable to courses you would like to take. Pre-AP, Honors, AP, and Dual Credit classes may have prerequisites that must be met before enrolling.
- After course selection, current teachers will be sent a list of students electing to take a Pre-AP
  or AP course. The same will be done for all math course selections. If the student's current
  teacher does not recommend this class for a student, parents and students will be notified.
- While we want every student to have the perfect schedule, a student's course requests do not guarantee that he/she can be placed in all of those classes. If scheduling conflicts occur, the

student's course selection form will be used to prioritize classes.

#### **DROPPING/ADDING COURSES**

- Because the master schedule is prioritized based on student interest, in <u>rare situations</u> students may need to drop/add a class. Administrative approval is required.
- If a class is dropped after two weeks, it will be transcribed with a "WP" for Withdrawn Passing or "WF" for Withdrawn Failing and will be a part of the student's official transcript.

#### UPPER SCHOOL COURSE DESCRIPTIONS

#### **BIBLE**

### Biblical Foundations (9th Grade) (1 credit)

**Course Description:** This freshman level course focuses on the history, narrative and impact of the Bible. Students will discover in detail the purpose, development and metanarrative of the Gospel. They will also examine the enduring reliability of the Bible found in archeology, science, ethics and culture.

#### Theology with Financial Literacy (10th Grade) (1 credit)

Course Description: This sophomore Bible course examines the fundamental beliefs of the Christian faith. An explanation of what theology is and its importance for the Christian life is explored through the doctrines of the Bible, God the Father, Jesus Christ, the Holy Spirit, man, salvation, the church, and the end times. This course emphasizes those beliefs that are commonly shared among all evangelicals, but provides ample opportunity for each student to explore the specific traditions of their own churches.

#### JUNIOR/SENIOR BIBLE OPTIONS

## Apologetics/Ethics (1 credit)

Course Description: Apologetics/Ethics
This course is aimed at solidifying our students'
Christian worldview. The course helps students
clearly understand the tenets of the Christian
worldview and how to have assurance in the core
essential beliefs of the Christian faith, including the

existence of God, the existence of absolute truth, the reliability of the Bible, and the resurrection of Jesus. During the first semester, students will study Apologetics, an intellectual defense of the faith. The second semester will focus on Ethics where students will learn to apply their faith to everyday life and decision-making.

#### Old Testament Survey (1 credit - Dual Credit Available)

Course Description: This course is a comprehensive survey of the story and content of the books of the Old Testament, their place in the history of revelation, and their meaning and application for Christian living. The first semester will focus on Israel's identity as the covenant people of God (Genesis-the establishment of the Monarchy). The second semester will examine Israel as a nation and focus on the role and message of the Old Testament prophets. Those students taking the course for dual credit will have some additional work.

### New Testament Survey (1 credit - Dual Credit Available)

Course Description: This course will examine in-depth some of the essential passages of the New Testament. The first semester covers the four New Testament Gospels and the life and ministry of Jesus Christ. The second semester will examine the life and writings of the apostle Paul. Students taking the course for dual credit will have some additional work.

### Introduction to Christian Life (1 Credit)

**Course Description:** Introduction to Christian Life is a course that provides a biblical and theological foundation for what it looks like to live out the Christian life including the calling, character, and

motivation of the believer. Students enrolled in Introduction to Christian Life will develop a biblically honest and practically applicable foundation for sustainable Kingdom living in a secular world. Part of the responsibilities of this class is to plan and implement chapels, Bible Studies, and other Christian Ministry opportunities during the school year.

#### **ENGLISH**

# English I: Introduction to Literature and Composition (9th Grade) (1 credit)

**Course Description:** In preparation for college and the workplace, the English I student will strive to become an effective speaker, a discerning listener, a perceptive reader, and a clear, persuasive writer. Course instruction will encompass the study of academic vocabulary through direct instruction, with ACT and college readiness in mind; composition instruction with emphasis on the structure of the essay; the literary study of the genres of memoir, short story, epic poem, novella, drama, novel, poetry, and nonfiction essay; and direct instruction in more effective writing, English usage, and punctuation. Students will work toward perfecting familiarity with and usage of Modern Language Association (MLA) conventions. Students will study the ten rhetorical methods of writing essays and compose heavily within the modes of literary analysis, persuasion, and research, as well as regular writing about the literature which they read in the course.

# Pre-AP English I: Literature and Composition (9th Grade) (1 credit)

Course Description: Pre-AP describes a course or series of courses, open to interested students, where the aim is to provide the skills and basics that will translate into future AP course success. While our core class is considered college preparatory, students enrolled in a Pre-AP class

should anticipate an accelerated pace with additional coursework. Additional materials may also need to be purchased. English language arts education incorporates the teaching and learning of reading, writing, speaking, listening, and viewing. These are not perceived as individual content areas but as one unified subject in which each of the areas supports and enhances thinking and learning. Language Arts is the vehicle of communication by which we live, work, share, and build ideas to understand the present, reflect on the past, and imagine the future. In preparation for college and the workplace, the English 9 student will strive to become an effective speaker, discerning listener, perceptive reader, and a clear, persuasive writer. This course is weighted an additional .5 point.

Prerequisite: Minimum of "B" Average in current 8<sup>th</sup> grade English class; Permission of current instructor

# English II: World Literature and Composition (10th Grade) (1 credit)

**Course Description:** This yearlong course includes the study of World Literature, composition, and vocabulary. Language and grammar instruction are incorporated within writing tasks, since students have had several years of intense grammar study. The students

will study World Literature through novels, drama, essays, poetry, and short stories. Vocabulary instruction will be focused on college readiness with direct instruction.

# Pre-AP English II: World Literature and Composition (10th Grade) (1 credit)

Course Description: Pre-AP describes a course or series of courses, open to interested students, where the aim is to provide the skills and basics that will translate into future AP course success. While our core class is considered college preparatory, students enrolled in a Pre-AP class should anticipate an accelerated pace with

additional coursework. Additional materials may also need to be purchased. English II is an English course designed for students to explore the different genres of World Literature. Students will learn to read, analyze, discuss, and write about literature from the text and selected novels, memoirs, and plays. Students will also expand their understanding of research and will learn the techniques for college composition classes including, but not limited to, MLA documentation. This course is weighted an additional .5 point.

# English III: American Literature and Composition (11th Grade) (1 credit)

Course Description: This year marks the transition from focusing on the high school experiences in the English classroom to focusing on what skills are needed for the experiences to come in the college classroom. As such, the curriculum centers on the skills needed for success in college and career as defined by eminent writing organizations of the industry (Writing Program Administrators Council, National Council of Teachers of English, and the National Writing Project). As an introduction to these college skills, this course will not lead students to mastery but instead desires to prepare them for mastery in the First Year Composition course on the college campus.

### AP English Language and Composition (1 credit; Dual Credit Available)

Course Description: The purpose of the AP English Language and Composition course is to read complex texts with understanding and to write prose of sufficient richness and complexity to communicate effectively with mature readers. This course is designed to be a college level writing course, which engages in becoming skilled readers of prose in many rhetorical contexts and in becoming skilled writers who compose for many different purposes. Students will be exposed to a broad range of nonfiction prose selections from many disciplines and historical periods. Analysis of these readings will be communicated through dialectical journals, timed writings, independent

essays, collaborative writing, and in-class responses. Students will engage in expository, analytical, and argumentative writing. Awareness of the rhetorical triangle will be evident in student analysis of readings as well as in student voice in original and imitative essays. Research skills will be a major element of the course leading to synthesis of primary and secondary sources cited correctly using MLA conventions. The English Language and Composition course requires that students become mature writers by displaying specific qualities in their writing. This is achieved by working directly on the writing skills needed as well as emphasizing the writing process. Students will reflect on their practice of the process through pre-writing, draft revision, peer editing, and writing workshops. Students are responsible for the AP exam fee (approximately \$95) determined by the College Board. This course is weighted an additional 1 point.

# English IV: British Literature and Composition (12th Grade) (1 credit)

**Course Description:** English IV is comprised of five areas of study: English grammar and usage, English literature (a survey course of British literature), composition and research, and vocabulary study.

### AP English Literature and Composition (1 credit; Dual Credit Available)

Course Description: An Advanced Placement course is an introductory college level course for willing and able students. This course will engage students in the careful reading and critical analysis of imaginative literature. This senior level advanced placement class will provide challenges typical of an undergraduate university English literature/humanities course. This course is designed to comply with the curriculum requirements described in the AP English Course Description.

Ultimately, this course will prepare the student for the AP English Literature and Composition

examination given in May. This test determines the level of achievement compared with sophomores in college English classes. If a student earns a grade of 3 or above on the exam, he or she will be granted college credit at most colleges and major universities throughout the country.

The specific skills required to pass this test include the following: literary analysis of selected prose and poetry, analytical writing, application of analytical skills in major novels or other major literary works. Students will consider a work's structure, style and themes as well as smaller elements such as the use of imagery, symbolism, figurative language, and tone. Students are not required to take the AP examination in May, although I hope that they will. Students will receive credit for the class whether or not they take or pass the examination.

Statistics show that students who take the AP class in high school are better prepared for the challenges of rigorous college-level work than those who do not. Actually, most AP students receive better instruction in smaller classes in high school with teachers who want to teach the courses. Student instructors in huge classes often teach freshmen and sophomore college classes.

This class is not closed to any student. Whether the student "places out" or not, the College Board research shows those students' scores increased on nationally accepted exams due to the AP course study. Students must be prepared for the heavy workload and the intellectual challenges offered by the course.

Students are responsible for the AP exam fee (approximately \$95) determined by the College Board. This course is weighted an additional 1 point.

#### **MATHEMATICS**

### Algebra I

Course Description: This course provides an in-depth foundation to the structure and language of algebra where emphasis is placed on problem solving using equality, inequality, proportionality, and function. Students explore simplifying expressions, solving linear and quadratic equations, and graphing linear and quadratic functions. Algebra I includes work with exponents, radicals, and polynomials. A TI-84+ graphing calculator is used in this class.

#### Geometry (1 credit)

Course Description: This course is an in-depth study of Euclidean geometry with an emphasis placed on deductive reasoning and logical thinking. Plane, coordinate, and three-dimensional geometries are explored. Key concepts include points, lines, planes, angles, triangles, quadrilaterals, other polygons, circles, and transformations. A TI-84+ graphing calculator is used in this class.

#### Prerequisite: Successful completion of Algebra I

#### Algebra II (1 credit)

Course Description: Algebra II includes the concepts of solving open sentences with one or more variables, algebraic operations with polynomials and rational expressions, properties of functions, matrices and determinants, graphing, quadratic and higher degree functions, complex numbers, conic sections, exponential and logarithmic functions, sequences and series, trigonometry, and probability. This course is designed for preparation for calculus. A TI-84 graphing calculator is required.

## Prerequisite: Successful completion of Geometry

## Trigonometry/PreCalculus (1 credit; Dual Credit Approval Pending)

Course Description: This yearlong course is a compilation of various mathematical topics from both Algebra and Geometry that serve to prepare a student for further studies into the advanced mathematical area of Calculus. Calculus is a vital component of fields such as business, science, medicine, engineering, and others. A TI-84 graphing calculator is required.

This course is weighted an additional 1 point.

Prerequisite: Successful completion of Algebra II; A or B in Algebra II recommended

AP Calculus: AB (1 credit; Dual Credit Available)

**Course Description:** The Advanced Placement Program is sponsored by the College Board and provides an opportunity for secondary school students to pursue and receive credit for college-level coursework completed at the secondary level. Students enrolled in AP courses are encouraged to take the AP exam at the end of the year. While our core class is considered college preparatory, students enrolled in an AP class should anticipate an accelerated pace with additional coursework. Students are responsible for the exam fee (approximately \$95) determined by the College Board. Additional course materials may also need to be purchased during the year. This yearlong course explores the theoretical and applicable aspects of derivatives and integrals, the two main areas of Calculus. The goal of the course is for students to successfully complete the Calculus AB College Board Advanced Placement Exam at the end of the school year. A TI-84 graphing calculator is required. This course is weighted an additional 1 point.

Prerequisite: Successful completion of Trigonometry / PreCalculus

AP Statistics
(1 credit: Dual Credit Available)

Course Description: In this yearlong course students will explore ways to measure and to validate data in both theory and application. The course will provide students tools by which to truly measure what the world is saying and teaching in media, journals, and other areas. Students will explore application throughout the course that is highly applicable in daily life. Students enrolled in an AP class should anticipate an accelerated pace with additional coursework. Students are responsible for the exam fee (approximately \$95) determined by the College Board. A TI-84 graphing calculator is required. This course is weighted an additional 1 point.

Prerequisite: Successful completion of Algebra II with an A or B is required

College Algebra (1 Credit; Dual Credit Available)

**Course Description:** This yearlong college-level course is designed for juniors and seniors. Topics covered include: relations and functions, equations and inequalities, complex numbers; polynomial, rational, exponential and logarithmic functions; systems of equations, matrices and determinants, sequences and summation. A TI-84 graphing calculator is required. This course is weighted an additional 1 point.

Prerequisite: Juniors or Seniors only; successful completion of Algebra I, Geometry, & Algebra II; minimum of C Average recommended

# Business Math (1 credit; Dual Credit Approval Pending)

Course Description: This course is designed to prepare students for roles as entrepreneurs, producers, and business leaders by developing abilities and skills that are part of any business environment. A solid understanding of math including algebra and basic geometry, provides the necessary foundation for students interested in careers in business and skilled trade areas. The content includes mathematical operations related

to accounting, banking and finance, marketing, and management.earnings and taxes, checking and savings accounts, loans, insurance, automobile expenses and housing expenses.

Prerequisite: Successful completion of Algebra II

#### **SCIENCE**

### Biology I (1 credit)

Course Description: This yearlong course introduces students to the fundamentals of Biology. Biology is an introductory course emphasizing The College Board required biological concepts within four "Big Ideas" – Evolution, Energy, Information, and Interactions. Students will learn how to perform an experiment, write a lab report, graph scientific data, and convert metric units using dimensional analysis.

#### Pre-AP Biology I (1 credit)

**Course Description**: Pre-AP describes a course or series of courses, open to interested students, where the aim is to provide the skills and content knowledge that will translate into future AP course success. While our core class is considered college preparatory, students enrolled in a Pre-AP class should anticipate an accelerated pace with additional coursework. This yearlong course introduces students to the fundamentals of Biology. Biology is an introductory course emphasizing The College Board required biological concepts within the four "Big Ideas" - Evolution, Energy, Information, and Interactions. There is an emphasis on advanced science practices in the laboratory. Students will learn how to perform an experiment, write a lab report, graph scientific data, and convert metric units using dimensional analysis. More in-depth questions are asked on each unit exam and lab as well as additional ACT Science Reasoning questions are covered in the

course. This course is weighted an additional .5 point.

Prerequisite: Permission of current science instructor required.

#### Chemistry (1 credit)

**Course Description**: This course examines the composition of various substances and the changes they can go through. It also shows students how chemistry touches their lives almost everywhere and everyday, in medicine, the clothes we wear, and the games we play, as well as the industries that make the things we use and God's amazing creation. The basics of Chemistry will be covered including the periodic table, atomic theory and structure, bonding in substances, simple compounds, the mole, chemical reactions, chemical equations, stoichiometry, states of matter, and solution chemistry. The students will use and understand the major parts of scientific experimentation, interpretation, communication, and modeling. Students will perform at least 18 hands-on laboratory investigations and will learn how to design and perform an experiment, gather and analyze scientific data, and draw appropriate conclusions.

Prerequisites: Successful completion of Geometry

## Pre-AP Chemistry (1 credit)

Course Description: Pre-AP describes a course or series of courses, open to interested students, where the aim is to provide the skills and basics that will translate into future AP course success. While our core class is considered college preparatory, students enrolled in a Pre-AP class should anticipate an accelerated pace with additional coursework.

This course examines the composition of various substances and the changes they can go through. It also shows students how chemistry touches their lives almost everywhere and everyday, in

medicine, the clothes we wear, and the games we play, as well as the industries that make the things we use and God's amazing creation. This yearlong course is organized around the six big ideas that are listed in the AP Chemistry curriculum framework provided by the College Board. The big ideas are: (1) Structure of matter; (2) Properties of matter - characteristics, states and forces of attraction; (3) Chemical reactions; (4) Rates of chemical reactions; (5) Thermodynamics; and, (6) Equilibrium. The students will use and understand the major parts of scientific experimentation, interpretation, communication, and modeling. The students will perform at least 22 hands-on laboratory investigations and two research projects. They will learn how to design and perform an experiment, gather and analyze scientific data, write laboratory reports, and draw appropriate conclusions. This course is weighted an additional .5 point.

Prerequisite: Successful completion of Geometry; minimum of "B" average in previous math & science classes recommended.

#### Physics (1 credit)

**Course Description:** By the end of this course students will be familiar with the following concepts: Scientific processes and inquiry, one and two dimensional kinematics. Newton's three laws of motion, forces, momentum, energy, rotational mechanics, gravity, waves, sound, light, electromagnetism, and modern physics. Students will be adept at using and understanding the major parts of scientific experimentation, interpretation, communication, and modeling. Students will also develop the necessary problem solving skills to prepare them for college and to be a lifelong learner. Students will make connections to physics and God's amazing creation. The students will perform at least 22 hands-on laboratory investigations and 4 projects. They will learn how to design and perform an experiment, gather and analyze scientific data, write laboratory reports, and draw appropriate conclusions.

### AP Chemistry (1 credit; Dual Credit Available)

**Course Description:** The Advanced Placement Program is sponsored by the College Board and provides an opportunity for secondary school students to pursue and receive credit for college-level coursework completed at the secondary level. Students enrolled in AP courses are expected to take the AP exam at the end of the year. Students are responsible for the AP exam fee (approximately \$95) determined by the College Board. While our core class is considered college preparatory, students enrolled in an AP class should anticipate an accelerated pace with additional coursework. Students are responsible for the exam fee determined by the College Board. This yearlong course is organized around the six big ideas that are listed in the AP Chemistry curriculum framework provided by the College Board. The big ideas are: (1) Structure of matter; (2) Properties of matter - characteristics, states and forces of attraction: (3) Chemical reactions: (4) Rates of chemical reactions; (5) Thermodynamics; and, (6) Equilibrium. Through this curriculum, students will be prepared to take the AP Chemistry College Board Advanced Placement Exam at the end of the school year. At least 25% of total instructional time will be invested on laboratory experiments including student laboratory reports. Additional time outside of class might be necessary to complete laboratory assignments. This course is weighted an additional 1 point.

#### Prerequisite: Permission of instructor required.

## AP Biology (1 credit; Dual Credit Available)

Course Description: The Advanced Placement Program is sponsored by the College Board and provides an opportunity for secondary school students to pursue and receive credit for college-level coursework completed at the secondary level. Advanced Placement Biology is a year-long course designed to be taken by students after successful completion of both high school Biology and Chemistry. AP Biology offers students

a solid foundation in introductory college-level biology. While our core class is considered college preparatory, students enrolled in AP Biology should anticipate an accelerated pace with additional coursework. Students enrolled in this course are expected to sit for the AP Biology exam in May. Students are responsible for the exam fee determined by the College Board. Students should anticipate an accelerated pace with additional coursework.

This yearlong course is organized around the four big ideas that are listed in the AP Biology curriculum framework provided by the College Board. AP Biology's four Big Ideas are Evolution, Energy, Information, and Interactions. Students will develop an appreciation for the study of life as well as learn to identify and understand unifying principles within a diversified world. At least 25% of total instructional time will be invested on laboratory experiments including student laboratory reports. Additional time outside of class may be necessary to complete laboratory assignments. Students are responsible for the AP exam fee (approximately \$95) determined by the College Board. This course is weighted an additional 1 point.

Prerequisite: Successful completion of Biology & Chemistry; permission of instructor required.

AP Physics C: Mechanics, Electricity and Magnetism (1 credit; Dual Credit Approval Pending)

Course Description: The Advanced Placement Program is sponsored by the College Board and provides an opportunity for secondary school students to pursue and receive credit for college-level coursework completed at the secondary level. Advanced Placement Physics C is a Calculus-based course that is designed to be taken by students after successful completion of both high school Chemistry and Trigonometry/Pre-Calculus with concurrent enrollment in Calculus. AP Physics C is designed to offer students a solid foundation in college-level Physics-Mechanics with an introduction to college-level Physics-Electricity and Magnetism.

While our core class is considered college preparatory, students enrolled in an AP class should anticipate an accelerated pace with additional coursework. Students enrolled in AP courses are expected to take the AP exam at the end of the year. Students are responsible for the exam fee (approximately \$95) as determined by the College Board. This yearlong course is organized around the six big ideas that are listed in the AP Physics C - Mechanics and the five big ideas listed in the AP Physics C - Electricity and Magnetism curriculum frameworks provided by the College Board. The big ideas for Mechanics are: Kinematics, Newton's Laws of Motion, Energy, Linear Momentum, Circular Motion, Oscillations and Gravitation. The big ideas for Electricity and Magnetism are: Electrostatics, Conductors/Capacitors/Dielectrics, Electric Circuits, Magnetic Fields and Electromagnetism. AP Physics C is an introductory Physics course where teachers foster deeper conceptual understanding through student-centered, inquiry-based instruction. Students will be adept at using and understanding the major parts of scientific experimentation, interpretation, communication, and modeling. Students will also develop the necessary problem solving skills to prepare them for college and to be a lifelong learner. Students will make connections to physics and God's amazing creation. At least 25% of total instructional time will be invested on laboratory experiments including student laboratory reports. Additional time outside of class might be necessary to complete laboratory assignments. This course is weighted an additional 1 point.

Prerequisite: Chemistry, and Trig/Pre-Calc with concurrent enrollment in Calculus

Human Anatomy/Physiology (1 credit; Dual Credit Pending)

**Course Description:** This yearlong course introduces students to the fundamentals of Anatomy & Physiology. Study begins at the cellular level and continues with a system-based approach of the overall structure and function of the human body. Case studies will be incorporated

throughout the course to emphasize how each organ system works in concert. Upon completion of this course, students will have more in-depth understanding of the human body and how each organ works together in homeostasis. Laboratories will correspond with lessons, including dissections of different animal specimens for comparison with humans. Students interested in achieving a greater understanding for the human body and those pursuing college degrees in science will benefit from the class.

#### Prerequisite: Successful completion of Biology

#### Zoology (1 credit)

Course Description: This yearlong course introduces students to the fundamentals of Zoology. Major biological principles and concepts in the structure and function of animals will be emphasized. Students will interact with various living zoological species throughout the course. Invertebrates and vertebrates will be studied along with corresponding laboratories. Students may dissect various specimens and/or organs for anatomical comparison. Upon completion of this course, students will appreciate the complexities of zoological species living in the natural world. Students interested in achieving a greater understanding for animals and pursuing college degrees in science will benefit from the class.

#### Prerequisite: Successful completion of Biology

#### **SOCIAL STUDIES**

### Oklahoma History (9<sup>th</sup>) (.5 Credit)

**Course Description:** The purpose of this course is to study political institutions, social and cultural developments, diplomacy, and economic trends in Oklahoma history. We will interpret and analyze primary sources, and interpret our state's history

through eyewitness evidence and document based examination. Through this class, you will gain practical knowledge of Oklahoma history and practice critical thinking, reading, and writing skills.

#### United States Government (.5 Credit)

Course Description: American Government, a one semester course, will provide a foundation in the science of government to increase student knowledge and skills in all facets of government. Students will understand their right to exercise more control over government at all levels. The course will be comprised of the following: the basic principles on which American government is based; insight into the origins, history, and structure of government; issues of the American system; political groups and parties; the American system at local, state and national levels; the relationship among local, state and national levels; the interaction among the three branches of the national government; and, the rights, freedoms and responsibilities of American citizens. Prominence will be given to the Constitution of the United States. American Government will seek to help students understand these course elements and to recognize how each applies to them personally to enable each to exercise his or her franchise thoughtfully and effectively.

### World History (10<sup>th</sup>) (1 credit)

Course Description: This yearlong course studies world history from the prehistoric period, all the way to the present. Students will see the birth and development of Western and Eastern civilizations, as well as the early civilizations of Africa and the Americas before Europeans from the west connected those various world systems into a sustained global system of interconnected economies. For the Christian scholar, the purpose of studying history is to fulfill the commandment of God to commit to memory and to consider His acts on behalf of His creation. Research, fellowship, and communication are essential to our understanding of these acts. We must study, not

only to know ourselves and our ancestors, but to understand how our identity in Christ is more than our identity as Americans from the 21<sup>st</sup> century; the gospel is a global phenomenon, and one whose truth is not bound by our place and time. Cultures throughout time have striven to preserve heritage in the face of opposition, persecution, and socio-economic pressure, but our responsibility in Christ is not to preserve our contemporary "American-ness" but to understand and preserve the truth of God's revelation to us.

### AP World History (10<sup>th</sup>) (1 credit)

**Course Description:** AP World History is designed to be the equivalent of a two-semester introductory college or university world history course. In AP World History students investigate significant events, individuals, developments, and processes in six historical periods from approximately 8000 B.C.E. to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. The course provides five themes that students explore throughout the course in order to make connections among historical developments in different times and places: interaction between humans and the environment; development and interaction of cultures: state building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures.

The Advanced Placement Program is sponsored by the College Board and provides an opportunity for secondary school students to pursue and receive credit for college-level coursework completed at the secondary level. Students enrolled in AP courses are encouraged to take the AP exam at the end of the year. While our core class is considered college preparatory, students enrolled in an AP class should anticipate an accelerated pace with additional coursework.

Students are responsible for the exam fee (approximately \$95) determined by the College Board. Additional course materials may also need to be purchased during the year. This course is weighted an additional 1 point.

#### Prerequisite: Permission of instructor required.

### United States History (11<sup>th</sup>) (1 credit)

Course Description: We will be studying American history from pre-Columbian society to present day. The purpose of this course is to study political institutions, social and cultural developments, diplomacy, and economic trends in U.S. history. We will interpret and analyze primary sources, and frequently practice writing through analytical and interpretive essays (document based questions and thematic essays). Through this class, students will gain practical knowledge of U.S. history and practice critical thinking, reading, and writing skills.

### AP United States History (11<sup>th</sup>) (1 credit)

**Course Description:** APUSH is a challenging course that is designed to be the equivalent of a freshman college course in a high school setting. We will be studying American history from pre-Columbian society to present day. The purpose of this course is to study American and National Identity, Politics and Power, Work and Exchange, Technology, Culture, Migration and Settlement, Geography, Environment, and America's Impact in the World. There will be an emphasis on developing 4 key skills including contextualization, comparison, historical causation, and patterns of continuity and change over time. We will interpret and analyze primary sources, and frequently practice writing through analytically and interpretive essays (document based questions and thematic essays). Solid reading and writing skills, along with the willingness to devote considerable time to outside reading and studying, are necessary to be successful in this course. Through this class, you will gain practical knowledge of U.S. history and practice critical

thinking, reading, and writing skills, all of which will prepare you for the AP exam in May and your future educational endeavors. The Advanced Placement Program is sponsored by the College Board and provides an opportunity for secondary school students to pursue and receive credit for college-level coursework completed at the secondary level. Students enrolled in AP courses are encouraged to take the AP exam at the end of the year. While our core class is considered college preparatory, students enrolled in an AP class should anticipate an accelerated pace with additional coursework. Students are responsible for the exam fee (approximately \$95) determined by the College Board. Additional course materials may also need to be purchased during the year. This course is weighted an additional 1 point.

Prerequisite: Permission of instructor required.

## AP European History (10th-12th) (1 credit; Dual Credit Available)

**Course Description:** AP European History is a full year course that focuses on European history from 1450 (Renaissance) to the present. The course has students investigate significant events, individuals, technologies, and social movements in four historical periods, and develop historical methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course also provides five themes (interaction of Europe and the world; poverty and prosperity; objective knowledge and subjective visions; states and other institutions of power; and God's hand throughout history) that students explore to make connections among historical developments in different times and places. Students are responsible for the AP exam fee (approximately \$95) for each exam determined by the College Board.

## AP Microeconomics (.5 credit; Dual Credit Approval)

**Course Description:** AP Economics is designed to be the equivalent of a two-semester introductory

college Macroeconomics and Microeconomics course. The purpose of the AP course in microeconomics is to give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy. Students are responsible for the AP exam fee (approximately \$95) for each exam determined by the College Board.

Prerequisite: Juniors or Seniors only

## AP Macroeconomics (.5 credit; Dual Credit Approval Pending)

Course Description: The purpose of the AP course in macroeconomics is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination, and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students are responsible for the AP exam fee (approximately \$95) for each exam determined by the College Board.

#### Prerequisite: Juniors or Seniors only

### AP United States Government & Politics (1 Credit)

Course Description: AP US Government, a full year course, will provide students with a foundation in the science, history and philosophies common to the government of the American people. The course will be comprised of the following: the basic principles on which American government is based; insight into the origins, history, and structure of government; issues of the American system; political groups and parties; the American system at local, state and national levels;

the relationship among local, state and national levels; the interaction among the three branches of the national government; and, the rights, freedoms and responsibilities of American citizens. For reasons of precedence, great prominence will be given to the Constitution of the United States of America, its foundational ideals, and the way those ideals have mutated and been re-imagined over time. Great prominence will also be given to the ideas, philosophies, concerns, and debates of the founding fathers, with particular attention to conflicts or questions that remain a part of contemporary political dialogue (such as the precise enumeration of federal powers or relationship of the state and federal government). Finally, close attention will be paid to the role played by American policy as a global leadership framework and great power template active on the international stage.

The Advanced Placement Program is sponsored by the College Board and provides an opportunity for secondary school students to pursue and receive credit for college-level coursework completed at the secondary level. Students enrolled in AP courses are encouraged to take the AP exam at the end of the year. While our core class is considered college preparatory, students enrolled in an AP class should anticipate an accelerated pace with additional coursework. Students are responsible for the AP exam fee (approximately \$95) determined by the College Board. Additional course materials may also need to be purchased during the year. This course is weighted an additional 1 point.

Prerequisite: Juniors or Seniors only; Permission of instructor required.

AP Psychology (1 Credit; Dual Credit Available)

Course Description: The Advanced Placement Program is sponsored by the College Board and provides an opportunity for secondary school students to pursue and receive credit for college-level coursework completed at the secondary level. Students enrolled in AP courses are encouraged to take the AP exam at the end of the year. While our core class is considered college preparatory, students enrolled in an AP class should anticipate an accelerated pace with additional coursework. Students are responsible for the exam fee (approximately \$95) determined by the College Board. Additional course materials may also need to be purchased during the year. AP *Prerequisite: Juniors or Seniors only; Permission of instructor required.* 

#### **FINE ART ELECTIVES**

#### Art I (.5 credit)

**Course Description:** This semester elective is offered to all students who have not taken art at the high school level. Students will explore the following areas: design, drawing, painting, printmaking, and sculptural activities. The course will focus on art appreciation, art history, and written and verbal critiques as it relates to the elements of art and principles of design.

#### Art II (1 credit)

Course Description: Art II is a yearlong course that builds on the student's technical skill and foundation of knowledge developed in Art I. The study of the elements of art and principles of design, color theory, vocabulary, and art history continue in Art II in a less teacher-directed situation. A more flexible and fluent use of the elements of art and principles of design, color theory, and vocabulary is stressed in Art II. Prerequisite: 2 semesters of lower level art/technology.

Prerequisite: 2 semesters of lower level art/photo.

### Drawing I (.5 credit)

Course Description: This studio course is a one semester elective offered to students who have a desire to learn the fundamental skills of drawing from reality; the course is highly recommended for students who plan to take AP Studio Art. Students will learn the elements of art in relation to observational drawing. Students use a variety of media, including graphite, charcoal and ink, to draw from the still-life and the figure. Basic principles of composition are stressed. No academic experience is required.

### Photography I (.5 Credit)

**Course Description:** This semester elective is offered to all students who have taken 1 semester of Art. Students will

learn how to manually operate a DSLR camera. They will explore composition, aesthetics, history, lighting, printing, traditional mediums and image editing tools for digital photography. Limited cameras available for short-term check out.

#### Prerequisite: 1 semester of Art

### Photography II (.5 credit)

Course Description: Students continue to work in both traditional film and digital mediums to build upon photographic skills and techniques acquired in Photo I. The course emphasizes conceptual development, artistic direction, and personal expression in photography as an art form. This course may include, but is not limited to, researching the history of photography, making connections to contemporary and community photographers, critiquing with varied techniques, and experimenting with a variety of photographic media. Cameras available for short-term checkout.

#### Prerequisite: Photography I

### Pre-AP Studio Art (1 credit)

Course Description: Pre-AP describes a course or series of courses, open to interested students, where the aim is to provide the skills and basics that will translate into future AP course success. While our core class is considered college preparatory, students enrolled in a Pre-AP class should anticipate an accelerated pace with additional coursework. Additional materials may also need to be purchased. This yearlong course offers the opportunity to complete high quality art pieces. Students advance to new levels of technical proficiency and expressive strength. This course is weighted an additional .5 point.

## Prerequisite: Successful completion of Art I and Art II or Art I and Photography I and II

#### AP Studio Art

**Course Description:** This is a rigorous college level studio course offered to highly motivated Juniors and Seniors who have taken Art I/Drawing 1 and Art II or Photo II. Coursework is designed to build mastery in technique, composition/design, research, experimentation, and creative problem solving. Critical thinking, objective analysis of artwork, and the ability to communicate in the language of art will be developed and used throughout the course. Developing meaningful peer relationships and self-motivation are necessary. Students must be willing to devote several hours per week of outside time to art production, research, and self-improvement. Maintaining an active art journal/sketchbook is a critical course requirement. The "exam portfolio" requires at least 24 high quality artworks to be completed and submitted to the College Board in May; students will declare their choice of portfolio early in the year: 2-D, Drawing or 3-D, and work in and out of the classroom toward fulfilling the requirements.

#### Prerequisite: PreAP Art

### Debate I: Cross-Examination (1 credit)

**Course Description:** This class is intended to provide classroom focus for continued development of speech and debate skills. The course focuses on debate and public speaking events exclusively such as Lincoln-Douglas Debate, Public Forum Debate, Extemporaneous Speaking, Oratory, Impromptu Speaking and Student Congress. Students will continue to develop various reasoning devices, research skills, organizational skills, and critical verbal persuasive skills. Through public speaking practice in the classroom and in competition, students will develop the communication skills that they will utilize in the academic, social, and workplace settings. The Debate and Public Speaking curriculum is designed to balance lecture with skills development in a practical, fun environment. No previous debate experience required.

## Debate II:Cross Examination (1 credit; Dual Credit Available)

Course Description: This yearlong course is for students with previous debate experience. The scope of this course embraces learning the fundamentals of debate technique, critical thinking, and defending your faith against external intellectual attacks. With debate, you will compete at local OSSAA, regional, and national-level tournaments. Students are required to debate at two tournaments each semester during off-campus trips.

Prerequisite: Successful completion of Debate I or permission of instructor.

### Speech (.5 Credit)

Course Description: Students gain theoretical and applied knowledge of public speaking techniques. Speeches will include introduction, informative, persuasive, major event, and oral interpretation. Students will deliver speeches from manuscript, from notes extemporaneously, and from memory.

Students will also present a speech utilizing visual aides. Students will write speeches with the rhetorical situation in mind and always consider a Biblical worldview while constructing the speech. Some topics for speeches will require students to weave a biblical worldview throughout the presentation, others will require them to grapple with contemporary topics without overtly including scripture while maintaining a Biblical worldview.

#### Band (1 credit)

Course Description: The Band Program includes instruction in Athletic Band performances, Jazz Band, Concert Band, Drumline and Solo & Ensembles at the District and State competition level. CCS standards align both the state and the National Standards of Music. Music theory and improvisation skills are taught and reinforced within an ensemble structure. The Upper School Band will perform for school and community events as well as concerts for parents. Enrollment in Band is required for participation in district and state level honor groups

#### Orchestra (1 credit)

**Course Description:**The Orchestra class offers instruction on violin, viola, cello, and double bass instruments with a focus on the skills necessary for long-term success. Fundamentals stressed include proper posture and playing position, development of characteristic tone quality and training in music literacy and theory. This class provides the opportunity for string players to advance their playing abilities through ensemble experience, individual or small-group lessons, and allows the opportunity for students to pursue additional performing experiences outside the classroom setting. Enrollment in Orchestra is required for participation in district and state level honor groups. CCS standards align both the state and the National Standards of Music.

#### Vocal Music (1 credit)

Course Description: The Vocal Music Program includes instruction in classic and modern singing styles. Ensembles compete at the district and state levels. Individuals may compete at the regional, district, and state levels. Enrollment in vocal music is required for participation in district and state level honor groups...

CCS standards align with the state and National Association of Music Education standards. Music theory, notation, and sight-reading are taught within an ensemble structure.

#### Theatre Arts (1 credit)

Course Description: Theatre Arts is a yearlong class designed for the beginner acting student and gives a basis of knowledge of theatre to build upon. Skills learned in class will include an introduction to improvisation, movement, character analysis, scene work, monologues, elements of comedy & drama, analysis of dramatic literature, and an introduction to technical theatre. Students will learn how to participate in and assist with our School productions.

### Theatre Production (1 credit)

Course Description: Theatre Production is a yearlong class designed for the student wanting to focus on the production aspect of theatre. This course will include elements of directing, set design, and stagecraft skills. This class will focus on applying skills gained in the areas of improvisation, movement, character analysis, scene work, monologues, elements of comedy & drama, analysis of dramatic literature, and technical theatre. Students will utilize skills gained in their core subjects to make the world of theatre come alive. Some outside class time may be required.

Prerequisite: Instructor approval required.

#### **FOREIGN LANGUAGE**

#### Spanish I (1 credit)

**Course Description:** This yearlong course is an introduction to the Spanish language and assumes no previous knowledge or limited knowledge. The class will use basic Spanish in speaking, writing, reading, and listening skills. The students will practice the language through conversation, games, apps, celebrations, and special projects. God's creation includes a variety of people and languages. The study of cultures and languages is necessary, then, for God's children to communicate the gift of salvation to various people groups. Jesus told us, "Go into all the world and preach the gospel to every creature" (Mark 16:15). An awareness of culture and the ability to communicate using the Spanish language equips students to serve God and others on a broader level.

#### Spanish II (1 credit)

Course Description: This yearlong course is a continuation of Spanish I. The students will continue to use the language in speaking, writing, reading, and listening skills – with deeper exploration into the written language. The students will be given opportunities to use the language in holiday projects, role-plays, games, videos, and stories. In addition, the student will study and explore aspects of Hispanic culture and history via a variety of media. Most importantly, students will read and memorize scripture, as well as learn to pray in target language.

#### Prerequisite: Spanish I

## Pre-AP Spanish II\* (1 credit)

**Course Description:** This yearlong course is a continuation of Spanish I and designed for students planning to take Pre-AP Spanish III and AP Spanish. The students will continue to use the language in speaking, writing, reading, and

listening skills – with deeper exploration into the written language. The students will be given opportunities to use the language in holiday projects, role-plays, games, videos, and stories. In addition, the student will study and explore aspects of Hispanic culture and history via a variety of media. Most importantly, students will read and memorize scripture, as well as learn to pray in target language. This course is weighted an additional .5 point.

Prerequisite: Spanish I

#### Pre-AP Spanish III (1 credit)

Course Description: This yearlong course builds upon the communication skills mastered in the Spanish II course. Target language will be spoken the majority of class time. Students will use these skills in communication within situations studied. The student will study and explore aspects of Hispanic culture and history via a variety of media. At the conclusion of this course, students will be able to give their Christian testimony in target language. This course is weighted an additional .5 point.

Prerequisite: Pre-AP Spanish II (or permission of instructor)

#### AP Spanish Language IV (1 credit)

Course Description: The Advanced Placement Program is sponsored by the College Board and provides an opportunity for secondary school students to pursue and receive credit for college-level coursework completed at the secondary level. Students enrolled in AP courses are encouraged to take the AP exam at the end of the year. While our core class is considered college preparatory, students enrolled in an AP class should anticipate an accelerated pace with additional coursework. Students are responsible for the exam fee (approximately \$93) determined by the College Board. Additional course materials may also need to be purchased during the year.

This yearlong course follows the guidelines of the College Board AP Spanish Language and Culture course and provides opportunities for students to demonstrate their proficiency in the modes of communication from the Intermediate to the Pre-Advanced range as defined in the AP Curriculum Framework. The three modes of communication (Interpretive, Interpersonal, and Presentational) defined in the Standards for Foreign Language Learning in the 21st Century are foundational to the AP Spanish Language and Culture course.

This course is weighted an additional 1 point.

Prerequisite: Spanish III; Permission of instructor required.

#### **TECHNOLOGY**

#### Creative Technology (.5 credit)

Course Description: This one semester performance based course focuses on thinking outside of the box to complete a series of technology related builds and projects. Projects will include working with: 3D Printers, DJI Gimbal & Drone Cameras, Arduino Boards, Raspberry Pi Boards, Lego Mindstorm Kits, Swift Block Based Coding, and Codecademy Online.

### Digital Art (.5 credit)

Course Description: This one semester course focuses on developing the graphic arts skills of editing and creating digital images through Adobe Photoshop. This class is recommended for students interested in visual communications, graphic design specialties and yearbook photography.

#### Digital Media Production (1 credit)

Course Description: This full year course focuses on developing the skills of recording, editing, maintaining, and running live audio/video projects and productions. This class is recommended for students interested in visual communications, film, graphic arts, live sound, and more.

### Principles of Web Design (.5 credit)

**Course Description:** This one semester course focuses on developing the beginner programing skills of web design through HTML, CSS, JavaScript programming languages. This class will also spend time developing skills with Adobe Photoshop to enhance Web Design. This class is recommended for students interested in IT, Graphic Design, Web Design, Computer Programming, and more.

#### AP Computer Science Principles (1 credit)

**Course Description:** AP Computer Science Principles is a full year course for the ninth through twelfth grade student that introduces students to the central ideas of computer science. Students will develop computational thinking skills vital for success across multiple disciplines. They will use computational tools to analyze and study data and work with large data sets to analyze, visualize, and draw conclusions from trends. The course is focused on fostering and applying the creative process when developing computational artifacts. Students design and implement innovative solutions using an iterative process (similar to artists, writers, and engineers) to bring their ideas to life. Students develop advanced programming skills in HTML, CSS, JavaScript and PHP. They will utilize effective communication and collaboration skills to solve problems that impact their school, community and society. The objective of the course is to prepare students for the AP examination. Colleges and universities often award placement and course credit to students who obtain high scores on their AP examinations.

## Internship: Technology (.5 credit or 1 credit)

Course Description: This yearlong course is designed for students who are interested in learning the details of technical support of an organization. Students will learn the setup, maintenance and troubleshooting of iPads, computers, printers, Apple TVs and networks. Students must be independent and customer service oriented.

Prerequisite: Sophomores, Juniors, & Seniors only; Instructor recommendation and interview is required.

### Yearbook (1 credit)

Course Description: Yearbook/Graphic Design is a full year course designed for students who wish to gain knowledge and experience in the applied principles and practices of modern publications. This course embraces learning the fundamentals of book design, video production, photography, business marketing and sales, project planning, and task execution and polishing for the publication of a high school yearbook.

Prerequisite: If interested, please complete an application. Applications are available in the main office or email

dsavill@crossingsschool.org for the application. Please check application for deadline. No late submissions will be accepted. Applicants will be interviewed and notified as to whether or not they were selected for the class.

### Journalism I

**Course Description:** The purpose of this course is to enable students to develop fundamental skills in the production of journalism across print, multimedia, web, and broadcast/radio platforms and to develop knowledge of journalism history, ethics use, and management techniques related to

the production of journalistic media. Students will use computer programs such as *InDesign*.

Journalism II
(1 credit)

Course Description: This course is a year-long real-world production class open for students interested in print media publishing. The primary goal is to produce an accurate, thorough, consistent, technically correct record of the lives, emotions, and activities of CCS students. In class, students compose, construct, and edit all elements of computerized text layout, graphic art, and digital photography. Extra-curricular assignments are required as part of the production process to include event photography, reporting and interviewing. Students will use computer programs such as *InDesign*.

Prerequisite: Journalism I

#### **OPEN ELECTIVES**

AP Capstone: Seminar (1 credit)

**Course Description:** AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.

AP Capstone: Research (1 credit)

Course Description: AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000-5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense.

Prerequisite: This course is for seniors (12th) only.

Online Academy Classes (.5 or 1 credit)

Course Description: There are many online class options available to students through our partnership with Sevenstar and Alpha Omega. Sevenstar & Alpha Omega offers excellent online courses that also align with CCS's Biblical worldview. If scheduling allows, an online course may be taken during the school day. Sevenstar online classes may also be taken outside of the regular school day and transcribed by CCS. Additional course costs are required.

http://sevenstar.org/common/CourseDescriptions.pdf

# Internships: Education, Technology, Business/Marketing (.5 or 1 credit)

**Course Description:** This course is designed for juniors and seniors pursuing their interest in early childhood or elementary education, technology, or business/marketing. Curriculum is developed and performance assessed by the person overseeing the student.

Prerequisite: If interested in an internship, administrator recommendation and interview is required; only Juniors and Seniors eligible.

### Sports Medicine (.5 credit)

Course Description: This one-semester course studies prevention, recognition, and proper treatment of athletic/sport participation injuries, as well as an overview of the different careers involved with sports medicine. Emphasis is given to emergency responses, including Adult and Pediatric First Aid, CPR, and AED certification.

# Physical Fitness (.5; Pass/Fail)

**Course Description:** This course provides opportunity for students to learn weight training concepts, fundamentals of weight training, strength training, and overall fitness training.

## Introduction to Business (.5 credit; Dual Credit Approval Pending)

Course Description: This course is intended to introduce the concepts for many business disciplines. Opportunities to learn and experience a variety of topics in the field of business including but not limited to accounting, finance, human resources, economics, and marketing are taught in this preparatory class. Students are exposed to various economies, their roles in our economy, entrepreneurship, marketing, managing financial

and technological resources, and the use of social media.

## Mathematics Enrichment (1 credit)

Course Description: This course is intended to help students build confidence and develop the basic skills necessary to be successful in high school math courses and standardized testing. It allows for practice of fundamental mathematics skills in such areas as arithmetic operations, basic algebraic concepts and notation, geometry, real and complex number systems. It is designed for students who are not proficient in mathematical skills and will receive extra support in topics in which they are not proficient. The goal of this course is to increase academic proficiency in expression of mathematical solutions, mathematical reasoning, and mathematical understanding.

## Reading/Writing Enrichment (1 credit)

Course Description: This course is intended to help students build confidence and develop the basic skills necessary to be successful in high school English courses and standardized tests. The course is designed to strengthen specific skill areas such as: main idea, paragraph structure, reading rate improvement, vocabulary skills development, improvement of comprehension and different techniques and approaches to writing. It is designed for students who are not proficient in reading and writing skills and will receive extra support in topics in which they are not proficient.

#### **NON-CREDIT ELECTIVE**

## Office Aide (O Credit)

Course Description: We love our office aides at CCS! Being an office aide is considered a leadership position. Office aides are assigned to a supervising teacher or staff person to assist them with daily activities. Tasks are at the discretion of each individual supervisor but may include filing, paperwork, using the copier or fax machine, running errands, etc.

## Study Hall (O Credit)

**Course Description:** This course is for students that need extra time during the day to complete assignments. It provides students with a structured, scheduled academic environment.