



WEST SHORE
CHRISTIAN ACADEMY

HIGH SCHOOL
COURSE GUIDE
2026-27

Note: All courses will be offered in 2026-27 unless noted "AY27-28". "Full Year" courses with no other designation are 6x/cycle.

BIBLE

THE SPIRITUAL LIFE

Grade: 9

Full Year

Credit: 1

This course will equip and encourage students to take initiative in their Christian faith. This will happen in semester one by laying a foundation of theology and Christian disciplines and encouraging students to apply these disciplines in a safe environment. In semester two, the focus will shift to exploring the kind of character God intends to develop in each of His children. Over the whole year, students will also reflect on readings that span the whole narrative of Scripture using a curated Bible-reading journal.

BIBLE DOCTRINE

Grade: 10

Full Year

Credit: 1

This course is a survey of evangelical theology. The basic doctrines of Christianity concerning God's Word, God the Father, God the Son, God the Holy Spirit, angels and demons, creation, salvation, the church, and God's plan for the future are communicated. Students will learn how to effectively read the bible by becoming familiar with Hermeneutics. Students are prompted to develop a biblically-rooted theology that will serve as a foundation for further study and Christian practice.

CHURCH HISTORY / CONTEMPORARY ISSUES

Grades: 11-12

Full year

Credit: 1

This course will equip students to understand the varied history of Christ's church while simultaneously emphasizing the unity of Christ's bride. This will happen in the Fall by tracing the history of God's faithfulness with His people from the days of the Apostles until the early 20th century with an emphasis on the origins of various branches/denominations. In semester two, students will wrestle with a number of topics which divide believers while maintaining an emphasis on unity by looking at the strongest arguments for various perspectives in a fair-minded and compassionate setting of love and unity in Christ.

COMPARISON OF WORLDVIEWS

Grade: 11/12

Full Year, *AY27-28

Credit: 1

This course exists to prepare students to live as ambassadors for Christ in the modern arena of competing worldviews by defining and evaluating influential worldviews, rooting our own hearts and minds in God's Truth, and considering how to best confess Christ in our cultural context. In semester one, this will be done by surveying major worldviews: examining each one's central beliefs, considering how worldviews affect the lives of their followers, and preparing distinctively Christian responses (Apologetics) for each worldview. In semester two, students will turn their attention toward practicing practical discernment by identifying and responding to worldview ideas in the world around them.

ENGLISH

INTRO TO LITERARY STUDIES

Prerequisite: *None*

Grade: 9

Full Year

Credit: 1

Introduction to Literary Studies introduces students to academic writing and literary study through sustained reading, analytical writing, and vocabulary development. Students engage multiple literary genres—including fiction, poetry, drama, and graphic narrative—while learning close reading and interpretive skills. The course emphasizes persuasive and analytical writing, with regular practice in clarity, organization, and revision. Designed to prepare students for upper-level English courses and college-level expectations, *Introduction to Literary Studies* invites students to consider how literature helps us understand what it means to be human.

Honors Option:

Students may elect the Honors option during the first two weeks of the term with parent or guardian approval. Honors students complete one extra reading and/or additional graded assignment per quarter—such as an extended analytical essay, research project, or comprehensive assessment—designed to deepen literary analysis and writing skills. The Honors option is intended for students seeking additional challenge and independent academic growth within the same classroom setting.

AMERICAN LITERATURE

Prerequisite: *None*

Grade: 10

Full Year

Credit: 1

American Literature introduces students to the study of American literary traditions through sustained reading, analytical writing, and vocabulary development. Through novels, short fiction, poetry, and drama—from early American writing through the mid-twentieth century—students examine how historical, cultural, and ideological contexts shape literary expression. The course emphasizes close reading, thematic analysis, and the identification of rhetorical and literary strategies across genres. Students practice clear and persuasive analytical writing, with regular attention to grammar, style, and revision, while building a robust academic vocabulary. Designed to prepare students for upper-level English coursework, *American Literature* invites students to explore the myths, beliefs, and ideas that have shaped—and continue to shape—American identity.

Honors Option:

Students may elect the Honors option during the first two weeks of the term with parent or guardian approval. Honors students complete one extra reading and/or additional graded assignment per quarter—such as an extended analytical essay, research project, or comprehensive assessment—designed to deepen literary analysis and writing skills. The Honors option is intended for students seeking additional challenge and independent academic growth within the same classroom setting.

IMPACT FOR CHRIST: STUDIES IN WORLD LITERATURE

Prerequisite: *None*

Grade: 11/12

Full Year

Credit: 1

Impact for Christ is a literature-centered course for juniors and seniors that explores how writers from diverse cultures and historical contexts respond to enduring human questions. Through novels, short fiction, poetry, drama, and selected nonfiction drawn from global literary traditions, students examine how stories shape moral imagination, cultural understanding, and personal responsibility. The course emphasizes sustained reading, thoughtful discussion, and analytical writing, with regular practice in clarity, organization, and revision. Approached from a Biblical worldview, students engage global voices with discernment and charity, considering how Christian faith informs the way we read, write, and live. Designed as a flexible, non-dual-credit option, *Impact for Christ* invites students to reflect on how literature can shape faithful engagement with the world.

BRITISH LITERATURE

Prerequisite: *None*

Grade: 11/12

Full Year, *AY 27-28

Credit: 1

British Literature is a survey course for juniors and seniors that explores major works of British literary tradition through sustained reading, discussion, and analytical writing. The course examines poetry, drama, nonfiction, and a sequence of classic novels from the medieval period through the twentieth century, with particular attention to the development of the English novel. Students study authors such as Chaucer, Shakespeare, Austen, Dickens, Eliot, and C. S. Lewis in order to consider how literary form, historical context, and moral imagination shape cultural expression. The course emphasizes close reading, thematic and rhetorical analysis, and clear academic writing, with regular attention to organization, style, and revision. Approached from a Biblical worldview, *British Literature* invites students to engage enduring questions of faith, identity, power, and what it means to live a good life, while developing the reading and writing skills necessary for advanced English coursework. This course does not carry dual-credit college designation.

DUAL CREDIT BRITISH LITERATURE

Prerequisite: *Teacher Approval*

Grade: 11/12

Full Year

Credit: 1

Dual Credit British Literature is a college-level survey of British literary traditions emphasizing sustained reading, analytical writing, and critical interpretation. Designed for students seeking both high school and transferable college credit, the course examines major works of British literature from the medieval period through the twentieth century, with particular attention to the English novel. Students engage with poetry, drama, nonfiction, and a sequence of classic novels—including works by authors such as Austen, Dickens, Eliot, and Tolkien—in order to examine how literary form, historical context, and moral vision shape cultural expression. The course emphasizes close reading, thematic and rhetorical analysis, and polished academic writing, with regular attention to revision and style. Approached from a Biblical worldview, *Dual Credit British Literature* invites students to consider how British writers have explored enduring questions of faith, identity, power, and what it means to live a good life.

Note: DC British Literature is a Dual Credit course through Cairn University (ENG 101, 3 credits).

DUAL CREDIT ENGLISH LANGUAGE & COMPOSITION

Prerequisite: *Teacher approval*

Grade: 11/12

Full Year

Credit: 1

Dual Credit English Language & Composition is a college-level writing course emphasizing clear, purposeful, and rhetorically effective academic prose. Designed for students seeking both high school and transferable college credit, the course develops foundational skills in argumentation, research, and revision essential for success in undergraduate coursework. Students practice analytical and persuasive writing across multiple genres, with sustained attention to thesis development, organization, style, and clarity. The course introduces academic research methods, source evaluation, and formal documentation, and requires students to produce polished, college-level essays through a recursive process of drafting and revision. *Dual Credit English Language & Composition* prepares students for advanced academic writing across the disciplines.

Note: DC English Language and Composition is a Dual Credit course through Cairn University (ENG 101, 3 credits).

FOREIGN LANGUAGE

SPANISH 1

Prerequisite: *None*

Grade: 9

Full Year

Credit: 1

Spanish 1 is an introductory course of the Spanish language. Students will master the basic phonics and pronunciation of the language. Students will learn how to conjugate the various verb forms in –ar, –er, and –ir endings within the present tenses. The teacher will integrate a balanced focus on listening, speaking, reading, and writing skills throughout all phases of instruction. Students will be required to apply their knowledge through basic grammatical structures and vocabulary. Students will be encouraged to compare what they learn about Hispanic culture with their own, thereby learning to think critically and progress towards a more mature vision of the world.

SPANISH 2

Prerequisite: *Spanish 1*

Grade: 10

Full Year

Credit: 1

Spanish 2 is a course of study that will build upon the grammatical foundations established in Spanish 1. It will emphasize the correct usage of the present, present progressive, preterit, and imperfect tenses. The importance of conjugating verb tenses correctly and forming sentences using correct syntax will be highly stressed. The teacher will integrate a balanced focus on listening, reading, and writing skills throughout all phases of instruction; however, more emphasis will be placed on conversational speaking.

HONORS SPANISH 3

Prerequisite: *Spanish 2 & teacher approval*

Grades: 11-12

Full Year

Credit: 1

Spanish 3 students will have the opportunity to perfect and fine tune the Spanish skills learned in Spanish 1 and 2. There is a review of Spanish grammar and syntax as well as the acquisition of more advanced grammatical concepts. Students will be required to apply their knowledge through spoken, written, and listening activities and authentic assessments. Students will develop their writing capabilities as well as continue ear training and conversational Spanish. Several short novels and/or short stories by Hispanic authors will be used in the course.

HONORS SPANISH 4

Prerequisite: *Spanish 3 & teacher approval*

Grades: 11-12

Full Year

Credit: 1

Spanish 4 students will have the opportunity to perfect and fine tune the Spanish skills learned in Spanish 1, 2 and 3. There is a review of Spanish grammar and syntax as well as the acquisition of more advanced grammatical concepts. Students will be required to apply their knowledge through spoken, written, and listening activities and authentic assessments. Spanish 4 students will not only study the important Hispanic influences on the United States but will also study the history and cultural development of Spain, Central America, and the Caribbean countries. Written reports, oral class

presentations in the target language, and conversational Spanish will be emphasized. Several short novels and/or short stories by Hispanic authors will be used in the course.

HISTORY

WORLD HISTORY 1

Prerequisite: *None*

Grade: 9

Full Year

Credit: 1

World History I is the first year of a two-year course of study of the world outside the United States. Students will learn to analyze history critically and gain an understanding of the distinctive features of Asian history and geography. Students will learn to read critically, analyze primary sources, and present and defend their viewpoints in both written and oral form.

WORLD HISTORY 2

Prerequisite: *None*

Grade: 10

Full Year

Credit: 1

World History II is the second year of a two-year course of study of the world outside the United States. Students will learn to analyze history critically and gain an understanding of the distinctive features of African, European, and Latin American history and geography. Students will learn to read critically, analyze primary sources, and present and defend their viewpoints in both written and oral form.

AMERICAN GOVERNMENT

Prerequisite: *None*

Grades: 11-12

Semester 1

Credit: 0.50

During this semester course, the student will study the origins, principles, and basic workings of the American political system and government, using lecture, discussion, reading, videos, and group projects. Additional study will focus on biblical principles regarding authority and government and on the United States Constitution itself.

Note: American Government is linked to the 20th Century U.S. History course. Students take both courses and together they fulfill the American History graduation requirement.

20TH CENTURY U.S. HISTORY

Prerequisite: *None*

Grades: 11-12

Semester 2

Credit: 0.50

During this semester course, the student will study the history of the United States during the twentieth century, through the use of lecture, discussion, reading, videos, and projects. Attention will be given to both domestic and foreign affairs, focusing on those issues and events that shaped American history and solidified the United States as the dominant power of the world at the end of the century.

Note: 20th Century U.S. History is linked to the American Government course. Students take both courses and together they fulfill the American History graduation requirement.

DC U.S. HISTORY 1

Prerequisite: *Teacher approval*

Grades: 11-12

Semester 1

Credit: 1

DC U.S. History is an intensive survey course covering the period from American colonists through Reconstruction. Students will learn to write compelling essays that focus on a thesis, and they will learn to identify and critique a thesis in the writing and thoughts of others. Students will learn to read primary sources critically and to respond to ideas with creativity and originality. Projects both individual and group are featured. Only highly motivated students should apply.

Note: DC U.S. History 1 is a Dual Credit course through Cairn University (HIS 223, 3 credits). DC U.S. History 1 & 2 together fulfill the American History graduation requirement.

DC U.S. HISTORY 2

Prerequisite: *Teacher approval*

Grades: 11-12

Semester 2

Credit: 1

DC U.S. History is an intensive survey course covering the period from the end of Reconstruction through the War on Terror. Students will learn to write compelling essays that focus on a thesis, and they will learn to identify and critique a thesis in the writing and thoughts of others. Students will learn to read primary sources critically and to respond to ideas with creativity and originality. Projects both individual and group are featured. Only highly motivated students should apply.

Note: DC U.S. History 2 is a Dual Credit course through Cairn University (HIS 224, 3 credits). DC U.S. History 1 & 2 together fulfill the American History graduation requirement.

DC WESTERN CIVILIZATION 1

Prerequisite: *Teacher approval*

Grades: 11-12

Semester 1

Credit: 1

Western Civilization examines the ideas and general history of the western world, especially the classical ideas of Greece and Rome. Students learn by confronting the great thinkers of history and analyzing the ways in which their ideas have filtered down through the stages of Western History. Emphasis will be on reading and understanding the masters of Western History from the Classical Age whose ideas have endured through the years. Critical thinking will be carefully developed through Socratic dialogue and analytical critiques of the great writers.

Note: DC Western Civilization 1 is a Dual Credit course through Cairn University (HIS 211, 3 credits). Taken in conjunction with DC Western Civilization 2.

DC WESTERN CIVILIZATION 2

Prerequisite: *Teacher approval*

Grades: 11-12

Semester 2

Credit: 1

Western Civilization examines the ideas and general history of the western world from the founding of the Middle Ages to the relativism of the post-modern world. Students learn by confronting the great thinkers of history and analyzing the ways in which their ideas have filtered down through the stages of Western History. Emphasis will be on reading and understanding the masters of Western History from

every age whose ideas have endured through the years. Critical thinking will be carefully developed through Socratic dialogue and analytical critiques of the great writers.

Note: DC Western Civilization 2 is a Dual Credit course through Cairn University (HIS 212, 3 credits). Taken in conjunction with DC Western Civilization 1.

MATHEMATICS

ALGEBRA 1

Grades: 9-10

Prerequisite: *Pre-Algebra*

Credit: 1

The student will receive instruction in and demonstrate the ability to perform mathematical operations and problem-solving in the areas of expressions, equations, and inequalities. Students will learn to both graph and write linear equations, solve systems of linear equations, and apply these skills to a variety of real-world applications. Additional topics include functions, factoring polynomials, evaluating and solving using absolute value, square roots, and quadratics. Algebra 1 forms a crucial foundation for the remaining math and science courses required of a student in high school and beyond.

GEOMETRY

Grades: 9-11

Prerequisite: *Algebra I*

Credit: 1

The student will receive instruction in and demonstrate the ability to perform basic mathematical functions and problem-solving in the areas of geometry. They will learn how to develop formal proofs through the use of theorems, postulates, and inductive and deductive reasoning. They will expand their knowledge of trigonometry, area and volume. This course will introduce the student to constructions, coordinate geometry, and practical applications of geometry.

HONORS GEOMETRY

Grades: 9-10

Prerequisite: *Algebra I and teacher approval*

Credit: 1

The student will receive instruction in a range of topics that extend beyond the traditional framework of geometry. They will learn how to develop formal proofs through the use of theorems, postulates, and inductive and deductive reasoning. They will expand their knowledge of trigonometry, area, volume, and coordinate geometry. Beyond these traditional topics, an in-depth exploration of logic and reasoning will lead the student to practical applications in the problem-solving areas of geometry. Compared to Geometry, Honors Geometry takes a more in-depth approach, requiring more analytical and synthesis type questions as well as requiring students to memorize all formulas.

ALGEBRA 2

Grades: 10-12

Prerequisite: *Algebra I and Geometry*

Credit: 1

The student will receive instruction in and demonstrate the ability to perform mathematical operations and problem-solving in the areas of expressions, equations, and inequalities beyond that of which was covered in Algebra 1. Students will extend their knowledge of functions, graphs, and systems of equations and inequalities. They will explore various methods of solving quadratics, polynomials, and logarithms, and learn to apply these skills to a variety of real-world applications.

HONORS ALGEBRA 2

Grades: 10-11

Prerequisite: *Algebra I and Geometry and teacher approval*

Credit: 1

The student will receive instruction in and demonstrate the ability to perform mathematical operations and problem-solving in the areas of expressions, equations, and inequalities beyond that of which was

covered in Algebra 1. Students will extend their knowledge of functions, graphs, and systems of equations and inequalities. They will explore various methods of solving quadratics, polynomials, and logarithms, and learn to apply these skills to a variety of real-world applications. Compared to Algebra 2, Honors Algebra 2 moves at a much quicker pace, takes a more in-depth approach, and requires students to memorize all formulas. Additional topics will also be covered such as matrices and rational functions.

PRE-CALCULUS

Grades: 10-12

Prerequisite: *Algebra II*

Credit: 1

Building on the concepts learned in algebra and geometry, the student will apply these skills to more complex mathematical functions and to modeling and solving real-world problems. Problem solving skills will be developed in the area of graphs, polynomials, logarithms, trigonometry, and analytic geometry.

HONORS PRE-CALCULUS

Grades: 10-12

Prerequisite: *Algebra II and teacher approval*

Credit: 1

Building on the concepts learned in algebra and geometry, the student will apply these skills to more complex mathematical functions and to modeling and solving real-world problems. Problem solving skills will be developed in the area of graphs, polynomials, logarithms, trigonometry, analytic geometry, systems of equations and inequalities, sequences and probability. Being an honors-level course, this is faster paced than the non-honors course and will cover more topics to assure exposure to concepts which will be seen again in calculus.

DC STATISTICS

Grades: 11-12

Prerequisite: *Algebra II and teacher approval*

Credit: 1

The purpose of this course is to introduce students to the fundamental principles of statistics so that they can critically analyze and utilize data in various fields of study and in everyday life. By the end of the course, students will be able to define and describe types of data, compare and analyze various types of data, understand the fundamental rules and principles of probability, apply the concept of normal distributions to everyday life situations, analyze survey studies for their validity and reliability, understand the basics of hypothesis testing, compare statistical findings from various samples for the purpose of analysis, calculate and comprehend correlations, regression analyses, as well as various statistical measures, and critically evaluate data to determine its intended vs. actual meaning.

Note: DC Statistics is a Dual Credit course through Cairn University (MAT 131, 3 credits).

AP CALCULUS A/B

Grades: 11-12

Prerequisite: *Honors Pre-Calculus and teacher approval*

Credit: 1

Having a solid grasp of pre-calculus math, the student will learn how to apply the calculus concepts of limits, derivatives and integrals to evaluate real-life situations. Moving outside the study of static situations, we will analyze dynamic situations with curved lines, accelerating objects, changing volumes, and variable forces. Students will also learn how to use a graphing calculator to help solve problems, interpret results, and support conclusions.

AP CALCULUS B/C**Grade: 12****Prerequisite:** *AP Calculus AB and teacher approval***Credit: 1**

AP Calculus BC is roughly equivalent to second semester college calculus courses and extends the content learned in AB to different types of equations and introduces the topic of sequences and series. The AP course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, and series. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations.

SCIENCE

BIOLOGY

Prerequisite: *None*

Grade: 9

Full Year

Credit: 1

Jesus told his disciples in John 14:6, "I am the Way, the Truth, and the Life." Biology involves the study of that Life. The student will explore and experience the world of living things, the science of biology, through classroom instruction, reading, research, discussions, participation in group and individual projects, using biological experimentation, practicing basic microbiological techniques, and dissecting several specimens. Topics include the Chemistry of Life, Cells, Cellular Energy, Genetics, Modern Biology, Creation and Evolution, and a survey of the Animal Kingdom.

CHEMISTRY

Prerequisite: *Biology and Algebra 1*

Grade: 10

Full Year

Credit: 1

Chemistry is the study of matter and how it changes. This is a cumulative class where students will learn through lectures, problem-solving activities, worksheets, and lab work. The first semester covers Math Skills, Matter and Energy, Atomic Structure, Periodic Table, Nomenclature, and Chemical Reactions. The second semester covers Moles, Stoichiometry, Modern Atomic Theory, Bonding, Gas Laws, Solutions, and Acids and Bases.

ENVIRONMENTAL SCIENCE

Prerequisite: *Biology*

Grades: 11-12

Full Year

Credit: 1

This 11th and 12th Grade Biology Course covers topics in Environmental Science from a Christian perspective. Topics include: Economics and Environmental Policy, Earth's Environmental Systems, Ecology, Biomes, Biodiversity, Human Populations, Human Health, Urbanization, Forestry, Water Resources, the Atmosphere, and Global Climate Change. Activities include debates on environmental topics and labs.

SURVEY OF PHYSICS

Prerequisite: *Chemistry and Algebra 2*

Grades: 11-12

Full Year

Credit: 1

This is a general physics course. It is designed to provide a broad mathematical analysis of the physical laws that govern our universe. Topics include (1) motion and stability, (2) forces and interactions, (3) energy, and (4) waves and applications for technologies for information transfer. Students will also gain a better understanding of how physics can be used to understand everyday phenomena.

DC PHYSICS

Prerequisite: *Chemistry, Algebra 2, and teacher approval*

Grades: 11-12

Full Year

Credit: 1

Physics I focuses on the properties of motion. It is designed for those students planning to continue their education in science-related fields. It is assumed these students possess a strong mathematical background and logical thinking skills. Course work is similar to the first semester of a college non-calculus physics course. Topics include: Kinematics, dynamics, forces and momentum. The topics to be covered in depth are statics and dynamics.

Note: DCPhysics is a Dual Credit course through Cairn University (SCI 231/231L, 4 credits).

ADVANCED TOPICS

Prerequisite: *Chemistry; enrollment in/completion of Pre-Calculus & teacher approval* **Grade: 12**

Full Year

Credit: 1

(Organic Chemistry & Physics II: Electricity & Magnetism): This rigorous course is designed to meet the needs of those students planning a science-based study in college including such areas as medicine, nursing, engineering, physics, biology, dentistry, or chemistry. The course is divided into two sections, Organic Chemistry and Physics II Electricity & Magnetism. During part I, students study organic nomenclature, alkanes, alkenes, alkynes, functional groups, aromatics, polymer chemistry, and organic reactions; similar to the first semester of a college organic chemistry course. During part II, students study electricity, magnetism, and basic circuits; again similar to the second semester of a college non-calculus physics course. Due to its rigorous nature, students need instructor approval prior to taking this course. These students must possess a strong mathematical background, work ethic, and logical thinking skills.

ANATOMY & PHYSIOLOGY

Prerequisite: *Chemistry*

Grades: 11-12

Full Year; *AY 27-28

Credit: 1

Biology II Anatomy & Physiology is designed for those students with future educational or career plans that require a strong background in biology; or career plans that may include nursing, physical therapy or other related health sciences. This course is a rigorous and comprehension study of the digestive, excretory, nervous, skeletal, muscular, and circulatory body systems. Major content areas include biochemistry, anatomy and physiology.

FINE ARTS - VISUAL

FOUNDATIONS OF ART

Grades: 9-12

Full Year

Credit: 1

This course will lay the groundwork for making an appreciating art. This class will introduce drawing, painting, ceramics, and mixed media. In this class we will explore what it looks like to make and appreciate art through a Christian worldview.

This class is a pre-requisite for all other Art classes. Students must take this class if they have not taken any other Art classes at the High School level before taking any other classes.

ADVANCED 2-D

Prerequisite: *Foundations of Art*

Grades: 10-12

Full Year

Credit: 1

This course will focus on building and strengthening drawing and painting skills. This class expands upon and builds the skills introduced in Foundations of Art. During the second half of the year there will be opportunity to challenge and strengthen drawing and painting skills through choice-based projects.

CERAMICS 1, 2, 3

Prerequisite: *Foundations of Art*

Grades: 10-12

Full Year

Credit: 1

In this course, students will learn hand building and wheel throwing techniques, while also gaining a deeper understanding of the glazing and firing process. Through practice, repetition, and testing, students will develop their skills and body of ceramic work. This class can be intense and will require some extra time outside of class time to develop skills and finish work. Students who have already completed Ceramics may continue to advance their art with Ceramics 2 and 3.

STUDIO HABITS

Prerequisite: *Foundations of Art*

Grades: 10-12

Full Year, *AY27-28

Credit: 1

What would you make if you had your own art studio? This class functions on a choice-based model, where students choose the medium and ideas for their projects. In this course students will “pitch” their ideas and create a timeline to complete each project. If you love making art and want to develop your portfolio then this course is a great opportunity for you.

FINE ARTS - PERFORMING

HIGH SCHOOL CHOIR

Prerequisite: *None*

Grades: 9-12

Full Year (3x/cycle)

Credit: 0.50

High School Choir is a performance based vocal ensemble open to students in grades 9 – 12. Students will study a variety of musical repertoire to develop both individual and ensemble skills, while performing together to bring glory to the Lord and encourage others with the truth. Students will discover basic techniques for producing a good choral sound and develop their abilities to physically produce the sounds. Students must be enrolled in chorale to participate in County or District Chorus, with the recommendation of the director.

HIGH SCHOOL SINGERS

Prerequisite: *Audition & Teacher approval*

Grades: 9-12

Full Year (3x/cycle)

Credit: 0.50

High School Singers is a high-level, performance-based vocal ensemble, open to students in grades 9 – 12. Students will study a variety of advanced musical repertoire to develop both individual and ensemble skills, while performing together to bring glory to the Lord and encourage others with the truth. This group may perform at various school and community events. Members of the group must be dedicated and committed to the ensemble, with a serious desire to further their musical studies and abilities.

Note: Students must be enrolled in Choir to participate in this group.

JAZZ BAND

Prerequisite: *Audition & Teacher approval*

Grades: 9-12

Full Year (3x/cycle)

Credit: 0.50

Jazz Band is a high-level, performance-based instrumental ensemble, open to students in grades 9 – 12. Students will study a variety of advanced musical repertoire to develop both individual and ensemble skills, while performing together to bring glory to the Lord and encourage others with the truth. This group performs at various school and community events. Members of the group must be dedicated and committed to the ensemble, with a serious desire to further their musical studies and abilities.

Note: Students must be enrolled in Band to participate in this group.

BAND

Prerequisite: *None*

Grades: 9-12

Full Year (3x/cycle)

Credit: 0.50

Band is a performance-based ensemble open to students in grades 7 – 12 who play a wind or percussion instrument. Students will study a variety of musical repertoire to develop both individual and ensemble skills. Students must already possess a basic knowledge of their instrument. Attendance at all school performances is required. Students must be enrolled in Symphonic Band to participate in County or District Band, with the recommendation of the director.

ORCHESTRA

Prerequisite: *None*

Grades: 9-12

Full Year (2x/cycle)

Credit: 0.25

Orchestra is a performance-based ensemble open to students in grades 7 – 12 who play a stringed instrument (violin, viola, cello, or double bass). Students will study a variety of musical repertoire to develop both individual and ensemble skills. Students must already possess a basic knowledge of their instrument. Attendance at all school performances is required. Students must be enrolled in Symphonic Orchestra to participate in County or District Orchestra, with the recommendation of the director.

PHYSICAL EDUCATION & HEALTH

HEALTH

Prerequisite: *None*

Grade: 9

Full Year (1x/cycle)

Credit: 0.25

Students will receive instruction in how to take care of their body from a Biblical perspective. The course will encourage students to attain and maintain good health habits. This course will be taught once each week for two semesters.

**Health is a required course for graduation and typically taken during the 9th grade year.*

HS PHYSICAL EDUCATION

Prerequisite: *None*

Grades: 9-12

Full Year (1x/cycle)

Credit: 0.25

This high school physical education course is designed to develop students' physical fitness, sport-specific skills, and understanding of team-based activities. The course meets once per cycle and provides instruction in personal fitness and a variety of traditional sports, including soccer, basketball, floor hockey, volleyball, handball, flag football, bowling, and wiffle ball. Students will learn and practice fundamental skills, rules, strategies, and terminology associated with each sport through structured lessons, skill-building activities, and game play. Emphasis is placed on teamwork, communication, sportsmanship, and safe participation. The course encourages personal effort, respect for others, and an appreciation for physical activity as part of a healthy lifestyle.

**HS Physical Education is open to all 9th – 12th grade students and may be taken each HS year to fulfill the yearly PE course requirement.*

PE – NON-TRADITIONAL ACTIVITIES

Grades: 11-12

Full Year (1x/cycle)

Credit: 0.25

This high school physical education course introduces students to a variety of non-traditional and lifetime physical activities designed to promote engagement, cooperation, and lifelong participation in physical activity. The course meets once per cycle and includes instruction in Ultimate Frisbee, Pickleball, Badminton, Disc Golf, Tchoukball, Lawn games, Dodging games, Speed stacking, Table Tennis, and Team-building activities. Students will develop fundamental skills, strategies, and techniques specific to each activity while learning and applying the rules, scoring systems, and safety considerations required for participation. Emphasis is placed on teamwork, problem-solving, communication, and inclusive participation. The course encourages students to explore alternative forms of physical activity, build confidence in movement, and recognize the value of staying active beyond traditional team sports.

**This course fulfills the yearly PE course requirement. Grades 11 & 12 students may take this course as a stand-alone course or in conjunction with other PE course offerings.*

PE – LIFE FITNESS

Prerequisite: *None*

Grades: 11-12

Full Year (1x/cycle)

Credit: 0.25

This high school physical education course focuses on developing the knowledge, skills, and habits necessary for lifelong physical fitness. Meeting once per cycle, the course introduces students to a variety of fitness-based activities, including weightlifting, resistance band training, agility and speed development, Pilates, flexibility training, and circuit training. Students will learn proper techniques, safe practices, and effective training methods for each activity. Emphasis is placed on goal setting, personal responsibility, and understanding how different types of exercise contribute to overall health and fitness. Throughout the course, students will design, implement, and refine a personal fitness plan that aligns with their individual goals and abilities, promoting lifelong participation in physical activity.

**This course fulfills the yearly PE course requirement. Grades 11 & 12 students may take this course as a stand-alone course or in conjunction with other PE course offerings.*

ELECTIVE COURSES

ENGINEERING A

Prerequisite: *Enrollment in/completion of Pre-Calculus*

Grades: 11-12

Full Year (3x/cycle), *AY 27-28

Credit: 0.50

Engineering A: Unit 1 – Energy and Power Technologies, Unit 2 – Manufacturing Technologies. This course consists of learning cycles structured to introduce students to two fields of technology/engineering. In Energy and Power, we will begin with an exploration of different sources of generation, continue into a study of how that energy is transmitted and distributed, and end by wiring simple circuits. In Manufacturing Technologies, the students will work through the manufacturing process beginning with surveying consumer interest in a product, analyzing results, applying constraints, developing and implementing a plan, resulting in a finished product. As we learn about these areas of technology/engineering, the students will work at times in teams; at times individually. There will be a combination of hands-on activities, research, and presentation. Their learning process will be documented in guided logbook entries throughout the course. This course is designed to help prepare high school students who either plan to go on to community college technical education or university-level engineering programs.

ENGINEERING B

Prerequisite: *Enrollment in/completion of Pre-Calculus*

Grades: 11-12

Full Year (3x/cycle), *AY 27-28

Credit: 0.50

Engineering B: Unit 1 – Construction Technologies, Unit 2 – Transportation Technologies
This course consists of learning cycles structured to introduce students to two fields of technology/engineering. In Construction Technologies, the students will learn how to communicate their vision through engineering plans and scaled models. They will also explore the challenges of meeting the consumers' expectations as they apply building codes and consider "green solutions". In Transportation Technologies, the students begin with research into the geographic, economic, and political impacts on a particular country's transportation system. They will also experiment with and research various safety systems. This section ends with the structural testing of a bridge created by the students. As we learn about these areas of technology/engineering, the students will work at times in teams; at times individually. There will be a combination of hands-on activities, research, and presentation. Their learning process will be documented in guided logbook entries throughout the course. This course is designed to help prepare high school students who either plan to go on to community college technical education or university-level engineering programs.

ENGINEERING C

Prerequisite: *Enrollment in/completion of Pre-Calculus*

Grades: 11-12

Full Year (3x/cycle)

Credit: 0.50

Intro to Engineering C: Unit 1 - Sound Technologies, Unit 2 - Aeronautics

This course consists of learning cycles structured to introduce students to two fields of technology/engineering. The study of Sound Technologies will begin by observing and describing the

sounds around us. We will then dig into the science of sound, and the math of sound. We will play with sound, using software which enables a beginner level of mixing sounds. The unit ends with the application of sound as we get creative with SONAR applications. In the aeronautics unit, we will create various modes of flight as we learn about the significance of surface area, volume, drag, lifting forces, and more. As we learn about these areas of technology/engineering, the students will work at times in teams; at times individually. There will be a combination of hands-on activities, research, and presentation. Their learning process will be documented in guided logbook entries throughout the course. This course is designed to help prepare high school students who either plan to go on to community college technical education or university-level engineering programs.

ENGINEERING D

Prerequisite: *Enrollment in/completion of Pre-Calculus*

Grades: 11-12

Full Year (3x/cycle)

Credit: 0.50

Intro to Engineering D: Unit 1 - Mechanical Technologies, Unit 2 - Environmental Technologies

This course consists of learning cycles structured to introduce students to two fields of technology/engineering. In the Mechanical Engineering unit, students will re-discover the use of simple machines for mechanical advantage. They will then put these simple mechanics into action as they create a Rube Goldberg-inspired machine. The Environmental unit is split into three key areas of air, water, and land. There will be presentations of research into different “environmental disasters” to kick off the importance of this area of study. The students will then consider legislation regarding the environment and do some hands-on testing of local water sources. As we learn about these areas of technology/engineering, the students will work at times in teams; at times individually. There will be a combination of hands-on activities, research, and presentation. Their learning process will be documented in guided logbook entries throughout the course. This course is designed to help prepare high school students who either plan to go on to community college technical education or university-level engineering programs.

PERSONAL FINANCE

Prerequisite: *None*

Grades: 11-12

Full Year (3x/cycle)

Credit: 0.50

Personal Finance is designed to equip students with the knowledge and skills needed to manage their personal finances responsibly and confidently. The course introduces the core principles of personal financial literacy, including income and career earnings, budgeting and spending, saving and investing, credit and debt management, and risk and insurance.

Emphasis is placed on developing sound financial habits, evaluating risks, and making informed choices that promote financial stability and independence.

Note: All students are required to take Personal Finance once during high school. Enrollment priority is given to grade 12 students.

ROBOTICS

Prerequisite: *See below*

Grades: 9-12

Full Year (2x/cycle)

Credit: 0.25

Autodesk's VEX Robotics Curriculum is divided into twelve primary units and one optional unit. In a flexible format, students learn about engineering and engineering problem solving. They will be given introductions to the VEX Robotics Design System while learning key STEM principles through a process that captures the excitement and engagement of robotics competition. The curriculum is focused on mechatronic principles; as such, prior programming knowledge is NOT required. Students will be enrolled upon teacher recommendation/math assessment after the course selection process.

SPEECH & DEBATE

Prerequisite: *None*

Grades: 9-12

Full Year (2x/cycle)

Credit: 0.25

This advanced communication course develops proficiency in public speaking, argumentation, and analytical reasoning. Students will refine skills in research, critical thinking, and persuasive delivery while exploring the principles of debate and effective oral presentation. Occasional Saturday tournaments are encouraged for students to gain experience, though participation on the competition team is not required. Members of the school's competitive speech and debate team are encouraged to take this course, but it is not required for team membership. Instruction will be led by a retired federal judge and supported by the speech and debate team coaches.

CREATIVE TECHNOLOGY & DESIGN

Prerequisite: *None*

Grades: 9-12

Full Year (3x/cycle)

Credit: 0.50

How can we use technology as a tool for stewardship, service, and excellence? *Creative Technology and Design* is a hands-on, project-based elective where students move from being passive users of technology to becoming active "architects" of digital solutions. Using a biblical worldview as our foundation, we explore how to build digital products that honor God by serving our neighbors effectively. Students will learn the principles of User Experience (UX) Design, focusing on how to organize complex information into simple, intuitive systems. The technical side of media production and storytelling will be focused upon, and students will learn how to use professional creative suites to advocate for truth and mobilize others toward a cause.

YEARBOOK

Prerequisite: *None*

Grades: 9-12

Full Year (3x/cycle)

Credit: 0.50

This is a full-year course designed to work like a business. This course will give students an opportunity to capture the memories of their school year while learning skills that will prepare them for life beyond high school. Students will be required to meet deadlines, manage costs and budgets, sell advertisements, and work independently as well as collectively. Students will learn necessary journalism skills such as interviewing and caption writing. Students will learn page design and layout and acquire a basic photography foundation.

FACTULTY/STAFF ASSISTANT (TEACHER'S AIDE)

Prerequisite: *Teacher recommendation*

Grades: 9-12

6x/Cycle (0.5 credits); < 5x/Cycle (.25 credits)

Pass / Fail Course

This program has been developed to allow our students the opportunity to work with our faculty/staff to acquire the knowledge and techniques of being able to succeed in their various positions. The knowledge acquired during this program is then applied in practical situations. Upperclassmen are given priority in this program. Students can indicate interest in the TA program during the course selection process, but final scheduling of TA placements will not occur until the start of the academic year.

WSCA HS Students will be able to TA at the WSCA K-8 campus under the following conditions:

- Valid WSCA parking permit
- Parent permission
- TA placement can fit in student schedule at beginning/end of day in conjunction with Late Arrival/Early Release

Note: A student may only earn a maximum of 0.5 credits per TA assignment.